

# Bibliometria, Cienciometria, Informetria: o estado da arte no Brasil

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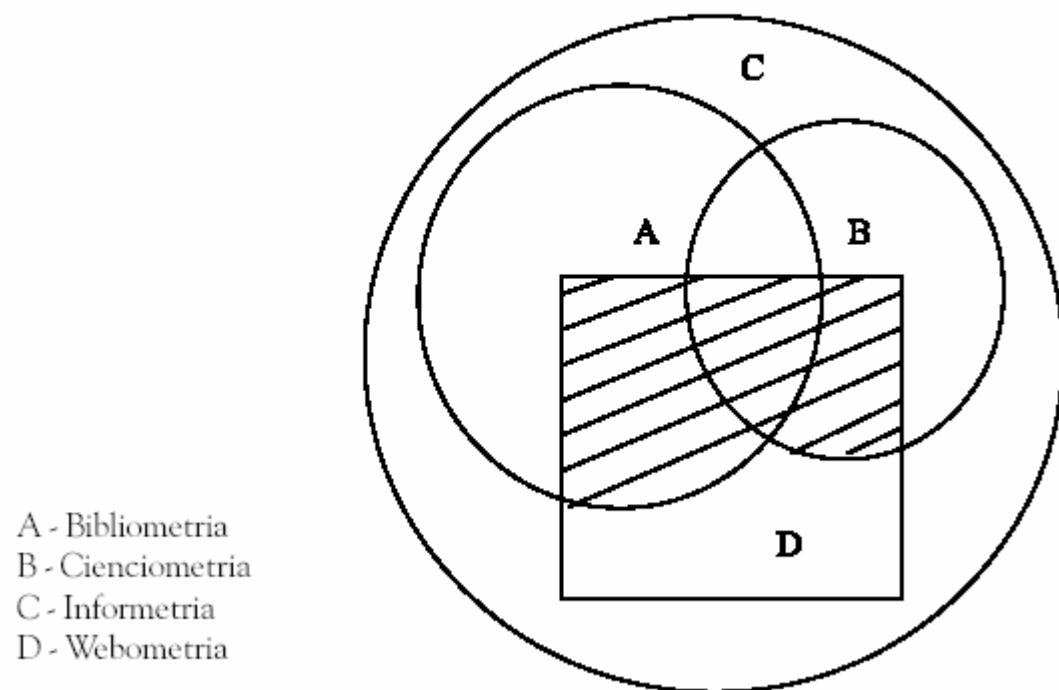
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FIGURA 1  
Diagrama da inter-relação entre os quatro subcampos

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## **Scientometrics ('naukometriya')**

*"the application of those quantitative methods which are dealing with the analysis of science viewed as an information process"*

NALIMOV, V.V., MULCHENKO, B.M., *Scientometrics*, Nauka, Moscow, 1969

## **Bibliometrics**

*"the application of mathematical and statistical methods to books and other media of communication."*

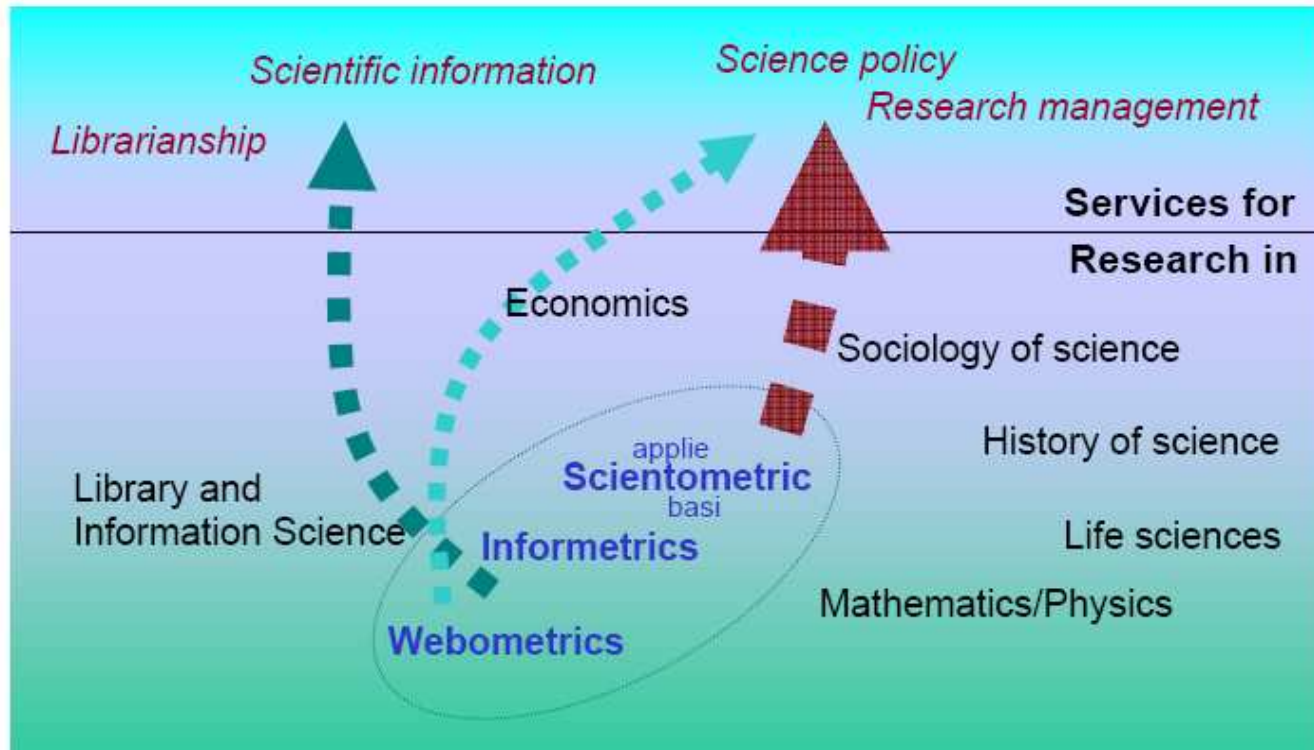
(PRITCHARD, A., Statistical bibliography or bibliometrics? *Journal of Documentation* 24, 1969, 348-349. )

## **Informetrics**

*"to cover that part of information science dealing with the measurement of information phenomena and the application of mathematical methods to the discipline's problems"*

NACKE, O. (1979), Informetrie: Ein neuer Name für eine neue Disziplin, *Nachrichten für Dokumentation*, 30 : 212-226.

# Usos e abordagens da área ...



## As abordagens da área...

Table 2  
Classification of papers published in the journal  
*Scientometrics* by categories

Category	1980	1989	1997
1	1	6	3
2	5	21	35
3	6	24	25
4	2	6	1
5	5	9	6
6	12	1	5
Total	31	67	75

Table 1  
Classification of papers published in the journal *Scientometrics*

Category	Description
1	Bibliometric theory, mathematical models and formalisation of bibliometric laws
2	Case studies and empirical papers
3	Methodological papers including applications
4	Indicator engineering and data presentation
5	Sociological approach to bibliometrics, sociology of science
6	Science policy, science management and general or technical discussions

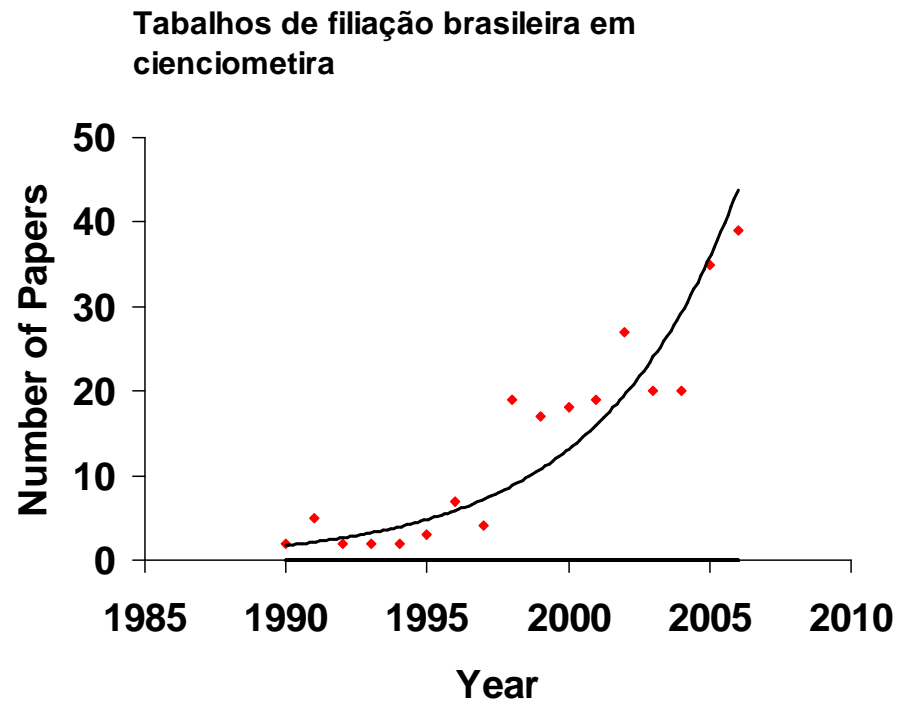


# As abordagens da área ...

1.	Introduction .....	
2.	Data collection .....	
2.1.	General characteristics of the reviewed items .....	
3.	General works on informetrics .....	
3.1.	Structure of the field and relations to other fields .....	
3.2.	History of bibliometrics .....	
3.3.	Acknowledgements .....	
4.	Theory .....	
4.1.	Informetric laws, distributions and concentration .....	
4.2.	Other theory related to time and growth .....	
5.	Methods and techniques .....	
5.1.	Mapping and visualization .....	
5.2.	Text and data mining and other linguistic techniques .....	
5.3.	Network analysis .....	
5.4.	Classification .....	
5.5.	Other methods .....	
6.	Citation analysis .....	
6.1.	Characterizing publications and fields based on citation analysis .....	
6.2.	Cocitation analysis—theoretical and methodological aspects .....	
6.3.	Self-citation .....	
6.4.	Ego-centered citation studies .....	
6.5.	Quality assessment .....	
6.6.	Errors in citation analysis and statistics .....	
7.	Indicators .....	
7.1.	<i>h</i> -Index .....	
7.2.	Impact factor .....	
7.3.	Other bibliometric indicators .....	
8.	Webometrics .....	
8.1.	Web Impact Factors, other measures and methodological issues .....	
8.2.	The ‘academic’ web .....	
8.3.	Commercial sites .....	
8.4.	Linking motivations and content analysis .....	
8.5.	Journals and web citations .....	
9.	Journals .....	
9.1.	The ‘impact factor’ debate .....	
9.2.	Journal quality .....	
9.3.	Journal coverage and structure .....	
9.4.	Journal profiles .....	
9.5.	Non-English journals and internationalization .....	
9.6.	Journal editors .....	
10.	Open access and electronic publications .....	
10.1.	Open access .....	
10.2.	Electronic publications .....	
11.	Productivity and publications .....	
11.1.	Country level studies .....	
11.2.	Field specific studies .....	
11.3.	Media coverage of science .....	
11.4.	Interdisciplinarity .....	
11.5.	Other studies .....	
12.	Collaborations .....	
13.	Research policy .....	
13.1.	Research evaluation .....	
13.2.	University rankings .....	
14.	Patent analysis .....	
14.1.	Patent citations and science and technology links .....	
14.2.	Other patent indicators .....	
15.	Databases .....	



E no Brasil...

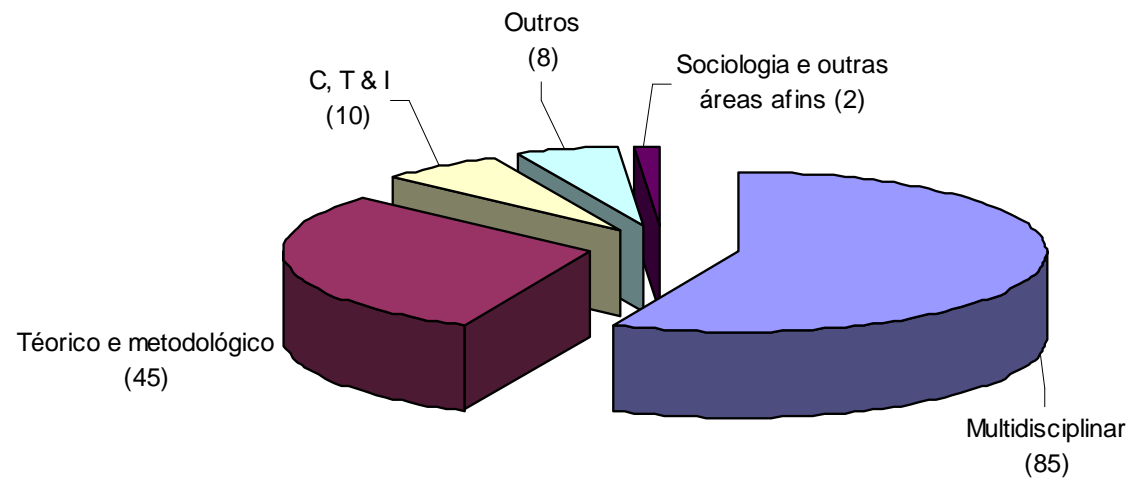


Áreas de conhecimento dos 233 autores de artigos  
na área de cienciometria

Ciências da informação	60
Ciências humanas/ administração	62
Ciências biológicas/ biomédicas	37
Ciências da Saúde	47
Ciências exatas	27



E no Brasil...



Publica es em Bibliometria e Cienciometria: Diret rio de Grupos de Pesquisa







- (1) Reunir e socializar os diferentes grupos de pesquisa que vem atuando nestas áreas no Brasil e sua interação e convergência como o estado da arte internacional,
  
- (2) discutir não apenas as atuais tendências e carências das áreas, particularmente o futuro destes estudos no país e
  
- (3) servir de experiência preparatória para o evento internacional da ISSI, que se realizará no Brasil, em julho 2009.



ISSI 2009 - 12th ISSI Conference - Windows Internet Explorer

http://www.issi2009.org/php/index.php

ISSI 2009 - 12th ISSI Conference

12<sup>th</sup> International Conference on Scientometrics and Informetrics  
**ISSI 2009** 28 - 31 July, 2009 - Rio de Janeiro, Brazil

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**About ISSI**

**Notes**

- The 11th ISSI Conference (ISSI 2007) was held in Madrid, Spain

**Newsletter VHL**

- CRICS8: converging innovation in information, knowledge and health
- Increased number and impact of Latin American journals in the Web of Science
- SciELO is on the current European debate about scientific publication market
- VHL and SciELO Spain under consolidation
- VHL sources of information motivate training in El Salvador
- ScienTI Network formalizes international cooperation agreement

Internet 100%

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Important Dates : - Windows Internet Explorer

http://www.issi2009.org/php/level.php?lang=en&component=32&item=2

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**Important Dates**

Conference Schedule	2009 deadlines
Paper (full paper, short communication) and workshop submission deadline	Jan. 19 <sup>th</sup>
Paper (full paper, short communication) review deadline announcement	Feb. 16 <sup>th</sup>
Poster submission deadline	Feb. 23 <sup>rd</sup>
Poster review deadline announcement	Mar. 16 <sup>th</sup>
Doctoral Forum submission deadline:	Mar. 16 <sup>th</sup>
Doctoral Forum review deadline announcement	Mar. 30 <sup>th</sup>

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Concluído

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**A criação de uma instância de promoção, fortalecimento e desenvolvimento da área no Brasil:**

**(1) a criação de uma Sociedade Brasileira em Bibliometria, Cienciometria e Informetria ? ?**

**(2) uma agenda nacional para a continuidade deste Encontro. ? ? ?**



1º ENCONTRO BRASILEIRO DE  
BIBLIOMETRIA E CIENCIOMETRIA  
**EBBC** 14 - 16 de Setembro de 2008 - Rio de Janeiro, Brasil

**CRICS** Brasil • RJ  
8º Congresso  
Regional de Informação  
em Ciências da Saúde  
Rio de Janeiro, 16 - 19 de Setembro de 2008

SEJAM BEM-VINDOS!

OBRIGADA!

